

ABSTRACT

When all frames, which are used for reference, are stored, vector retrieval means 13 find correlation with a reference frame. Compression type determination means 14
5 compare a predictive error of the found vector position and an average deviation within the frame, and select the compression type with high compression efficiency. Compression mode determination means 15 select anyone of the compression process at the time of the high-speed mode
10 and the compression process at the time of the normal mode based on the compression type. In the compression process at the time of the high-speed mode, for the macro block the difference between it and the predictive block is not taken in motion predictive means 16, it is converted into
15 a frequency component in frequency conversion means 17, is quantized in quantization means 18, and is coded by the compression in variable-length coding means 23 to output the compression code from output means 24.

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